2013 New York State Energy Plan
Draft Scope

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Scope Purpose

- Identify topics for Analysis, Development and Discussion to fulfill Statutory Requirements
  - The topic areas to be developed are based on and guided by the statutory requirements specified in Article 6 of the Energy Law.

- Further Define and Refine Issues

- Identify Possible Existing Resources for Reference

- Solicit Public Input to ensure all areas of issue are developed in the SEP

- Organize the various Reports for focused discussion of required analyses
Draft Scope issued March 10, 2011
Public comments received through April 29, 2011
  – Approx. 60 sets of written comments received
  – ECWG meetings with approx. 70 stakeholders
Revisions to the Draft Scope based on stakeholder feedback and ECWG deliberations
Parties Submitting Written Comments

- ACT Bioenergy
- Adirondack Council
- Alliance for Clean Energy New York, Inc.
- Bloom Energy
- Buffalo Wind Action Group
- Citizens Campaign for the Environment
- Citizens Environmental Coalition
- City of New York
- Clean Air Rights for Everyone of NY
- Clean Energy for Jamestown
- Clearwater
- Coalition Against Wood Burning Pollution
- Con Edison and Orange and Rockland Utilities, Inc
- Constellation Energy
- Covanta Energy Corporation
- CREF
- DASNY

- Deepwater Wind
- Empire State Petroleum Association
- Environmental Advocates of New York
- Environmental Defense Fund
- ESCP, Inc.
- Exquisite Heat
- GeoEnergy Enterprises, Inc.
- IBEW Utility Labor Council of New York State
- Innovative Energy Systems, LLC
- IPPNY
- Jamesville Positive Action Committee
- Metropolitan Transportation Authority
- Multiple Intervenors
- Museum Association of New York
- National Grid
- New York Association of Public Power
- New York Biomass Energy Alliance (NYBEA)
- New York Interfaith Power and Light
Parties Submitting Written Comments (cont.)

- New York State Rural Electric Cooperative Association, Inc.
- Northeast Gas Association
- NYSAC
- NYS Smart Grid Consortium
- Pace Energy and Climate Center
- Quebec Government Office in New York
- Railroads of New York (RONY)
- Regional Plan Association
- Retail Energy Supply Association
- SAIC
- Sherman Creek Associates, LLC
- Sierra Club - Atlantic Chapter, Iroquois Group
- Spectra Energy
- The Hudson Renewable Energy Institute, Inc.
- The Nature Conservancy, Eastern NY Chapter
- Transcontinental Gas Pipe Line Company, LLC
- University at Albany
- UTC Power Corp.
- Vote Solar
- Judy Abbott
- Doug Scott
- Dr. Alice Sokolow
- Nancy Wahlstrom
ECWG Stakeholder Meetings List

- AAA New York
- Advanced Climate Technologies Bioenergy
- Adirondack Council
- Alliance for Clean Energy New York
- Association of Energy Affordability (AEA)
- Association of Towns of the State of New York
- Astoria Residents Reclaiming Our World
- Audubon New York
- Brookhaven
- Bruce Geiger & Associates (representing the New York Aviation Management Association)
- Buffalo Niagara Partnership
- Building Performance Institute
- Business Council of New York
- Central Hudson
- Colwell Colwell & Petroccione LLP (representing Empire State Petroleum Association)
- Con Edison/Orange & Rockland
- Consortium for Worker Education
- Corning
- Couch White (representing Multiple Intervenors)
- Covanta Energy
- Deepwater Wind
- Econoburn
- Endicott
- Environmental Advocates of New York
- Environmental Defense Fund
- Everpower
- EvoTherm USA
- GE
- Horizon Wind Energy
- Hudson Valley Community College (HVCC)
- Iberdrola
- IBM
- Independent Power Producers of New York
- Innovative Energy Systems
International Brotherhood of Electrical Workers
Invenergy
Long Island Association
Luthin Associates
MTA
National Grid
Natural Resources Defense Council
New York Bicycling Coalition
New York Biomass Energy Alliance
New York City Mayors Office
New York Energy Consumers Council
New York State Association of Counties
New York State Association of Service Stations
New York State Builders Association
New York State Conference of Mayors
New York State County Highway Superintendents Association
New York State Reliability Council
NYS Rural Electric Cooperative Association
New York State Smart Grid Consortium
Northeast Gas Association
Northwind & Power/Ridgeline Energy
NRG Energy
Nyall LLC (representing NY Propane Gas Assoc.)
Preservation League of New York State
Regional Plan Association
Riverkeeper
SABIC Innovative Plastics
SunEdison
SUNY/Multiple Intervenors
The Altamont Program
The Nature Conservatory (TNC)
United Community Civic Association
Vote Solar
Workforce Development Institute
Stakeholder Comments
Key Areas

- Role of Energy Efficiency and Renewable Energy in Meeting Energy Goals
- Investing in Energy Infrastructure and Smart Grid
- Energy System Reliability and Security
- Energy Costs
- Clean Energy Economy
- Development & Use of NY’s Natural Gas Resources
- Nuclear Energy
Reports will be completed by teams led one of the ECWG member agencies and consisting of relevant staff from the planning agencies. Work will be coordinated by the ECWG.

The 2013 Plan will be organized in five Volumes:

Volume I: Plan Recommendations and Synthesis
- Includes an overview and synthesis of the Plan’s reports
- Lists Board’s recommendations
Volume II: Meeting New York’s Energy Needs

- Energy Systems and Costs Overview
- Energy Efficiency
- Renewable Resources
- Electricity
- Natural Gas
- Petroleum
- Coal
- Nuclear
- Other Fuels
- Transportation, Smart Growth
- Security, Resiliency, and Emergency Planning
Volume III: Minimizing Environmental and Health Impacts
  – Climate Change
  – Environmental Impacts
  – Health
  – Environmental Justice

Volume IV: Growing New York’s Clean Energy Economy
  – Growing New York’s Clean Energy Economy
    • Includes innovation, workforce, economic development
  – Local, Regional, and Federal Action/Collaboration

Volume V: Quantitative Analysis
  – Forecasts, Modeling, Potential Study findings
Transmission and Distribution Reliability Study

- Evolution of System Planning and Deregulated Market since 2001 Study
- Address statutory requirements plus present the architecture of reliability planning and structures
- Identification of Current and Potential Reliability Vulnerabilities
  - Current: energy/environmental programs, load control issues, ratemaking policies, industrial development
  - Potential: nuclear power, smart grid, fuel mix issues, environmental and economic development policies, aging infrastructure, aging workforce
Moving Forward

- Draft State Energy Plan & Reliability Study: September 1, 2012
- Public Comment Period & Public Hearings: Fall-Winter, 2012
- Final State Energy Plan: March 15, 2013